

(19)

KOREAN INTELLECTUAL PROPERTY OFFICE

KOREAN PATENT ABSTRACTS

(11)Publication number: **1020000011799 A**  
(43)Date of publication of application: **25.02.2000**

(21)Application number: **1019990029029**  
(22)Date of filing: **16.07.1999**  
(30)Priority: **16.07.1998**  
**KR1019980028975**

(71)Applicant: **SAMSUNG ELECTRONICS CO., LTD.**  
(72)Inventor: **JUNG, JUNG HO**  
**KIM, YEONG GI**  
**PARK, JIN SU**

(51)Int. Cl **H04Q 7/32**

**(54) PACKET DATA PROCESSING DEVICE FOR MOBILE COMMUNICATION SYSTEM AND METHOD THEREOF**

(57) Abstract:

PURPOSE: A packet data processing device for mobile communication system and the method thereof are provided to maximize the data throughput in the packet service by transmitting data in prior order according to the channel status and service quality in hand-off. CONSTITUTION: The packet data processing device for mobile communication system comprises: a channel status information receiver(203) receiving channel status information related to forward channels from plural mobile stations; a supplemental channel transmission controller(205) deciding the data transmission ratio of said respective mobile station by said channel status information; and a supplemental channel transmitter(209) transmitting the data to be transmitted to said mobile station in said decided data transmission ratio.

COPYRIGHT 2000 KIPO